

Abstract

The present invention relates to a wireless handheld device that is configured to communicate with an implanted device using inductive telemetry. The handheld device is preferably battery operated and includes a battery powered controller
5 and a battery powered inductive coil. The inductive coil is configured to communicate with an inductive coil of the implanted device using inductive telemetry. The handheld device may include one battery voltage source that powers both the controller and the inductive coil, or multiple battery voltage sources to power the controller and inductive coil separately. In a single battery voltage source embodiment, the voltage may be
10 amplified or reduced to meet the power needs of the controller and inductive coil. In a multiple battery voltage source embodiment, the voltage sources may be combined to increase the power output requirements of the inductive coil.